

Agenda Items # 33, 34 & 35

Evaluation of the Algal Turf Scrubber® (ATS™) System in the Okeechobee, EAA and Caloosahatchee Basins

January 8, 2008

**Chip Merriam
Deputy Executive Director
Water Resources**

Overall Objective

Demonstrate the potential of the Algal Turf Scrubber™ system as a low-cost treatment technology for recovering phosphorus and nitrogen from stormwater runoff



Project Locations



Governing Board Resolution

A Resolution of the Governing Board of the South Florida Water Management District to authorize an amendment to contract 3600000952 with HydroMentia, Inc., for one additional year of operation and maintenance of the Taylor Creek Algal Turf Scrubber® Nutrient Recovery Facility and authorize a Sole Source Procurement as an exception to the general standards of competition, to extend the term from January 31, 2008 to January 31, 2009, and to increase funding in the total amount of \$300,000, for which dedicated funds (Save Our Everglades Trust Fund) are budgeted; providing an effective date. (Contract Number 3600000952-A02)

Governing Board Resolution

A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a two year contract with HydroMentia, Inc. for the design, installation and operation of an Algal Turf Scrubber® (ATS™) Mobile Pilot Unit (MPU) and the design of a full-scale ATS™ system in the Everglades Agricultural Area, and authorize a Sole Source Procurement as an exception to the general standards of competition, in the amount of \$495,000, for which dedicated funds (Save Our Everglades Trust Fund) are budgeted; providing an effective date. (Contract Number 4600001289)

Governing Board Resolution

A Resolution of the Governing Board of the South Florida Water Management District to authorize an amendment to contract 4600000978 with Lee County for the Powell Creek Algal Turf Scrubber System in the total amount of \$1,205,000, of which the District's total contribution is \$1,205,000 and authorize a budget transfer (Save Our Everglades Trust Fund) from the Watershed Management Department (Water Resources) to the Lower West Coast Service Center (Government and Public Affairs); providing an effective date. (Contract Number 4600000978)